**Executive Summary**

**Happiness Score Data Exploration**

In general, economists like to talk about very subjective questions like “what is happiness” in this data exploration. There is just a small insight into the world of happiness. Economists have created a happiness score and used different data to create a happiness index based on GDP, Social Connection, Human life expectancy, freedom to make life choices, Generosity, and Perceptions of Corruption. All these variables are assigned to an econometric regression, and then the happiness index is generated. Each one of these variables has a particular weight on the happiness score of a country. This list is not all-inclusive economist include an extra variable which accounts for all other reasons. For the purposes of this exploration, I focus on known variables.

The goals are to display a map of all the happiness scores in all the participant countries. Generate a correlation matrix to describe the relationship between the variables. Plot happiness in different regions over time.

Target Data is multiple years of the happiness score and some raw aggregated data on GDP per capita between 2015-2019 and for a general audience.